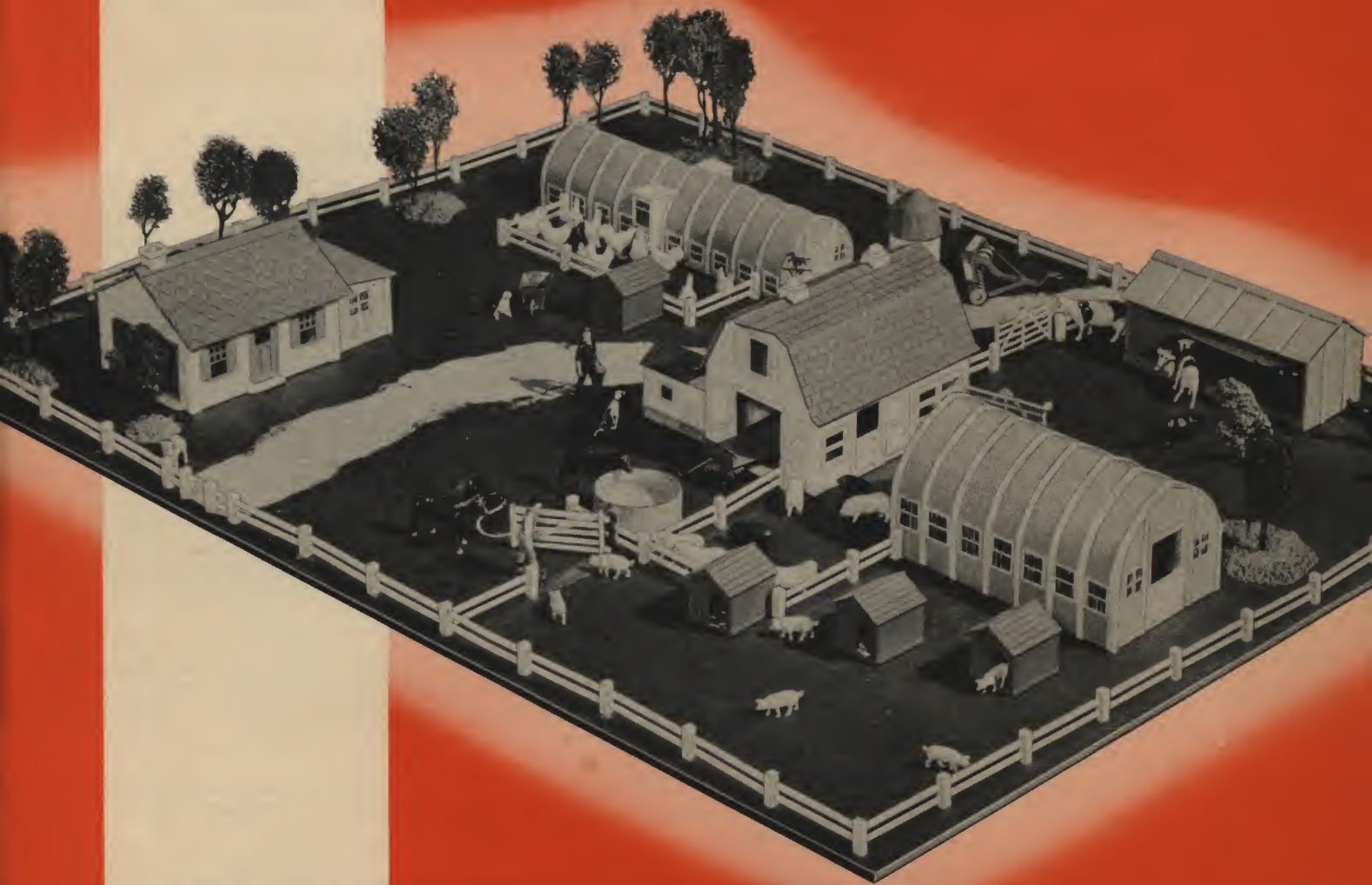


**How to
Repair, Remodel, Build
ON THE FARM
with Masonite Presdwood**
...the wonderwood of 1000 uses



Tempered Presdwood out-weatheres the weather

It's easy to repair, remodel or build with Masonite Presdwood

This how-to-do-it booklet will help you increase the efficiency and value of your farm. Keeping your farm structures in good shape brings the highest return on your investment. Undoubtedly, there are outbuildings either in need of repair or remodeling. Many labor-saving farm devices are easily and quickly built of Masonite Presdwoods. Literally hundreds of Presdwood built home articles make housework lighter and more efficient.

Experience proves that it is much easier to get started on projects of this type when plans and ideas are available. You will find helpful suggestions in this book. Cost-cutting construction features you may not know about. Useful items to help you farm easier and data on materials that save time and money.

In the HOW TO MAKE IT YOURSELF SECTION is information on how to build simple items such as a work bench—handy barn wall desk for records—a new cover for the bed of your old wagon and many other useful farm and household accessories. Should you require additional help on certain details, please do not hesitate to contact your building materials dealer.

EASY TO USE



Facts about Masonite Presdwood

You will like working with Masonite Presdwood®. It is easy to handle—easy to cut—easy to nail. These large, smooth hardboard panels can be worked with ordinary carpenter tools: saw, hammer, plane, sand block, drill. Takes and holds paint beautifully.

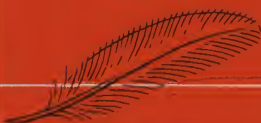
WHAT IS PRESDWOOD?



Presdwood is wood IMPROVED! It is a strong, hard, dense panel material made of wood, but better than wood. It keeps out rain, wind, sun and snow. IT LASTS INDEFINITELY. Resists dents and scratches. Having no grain, Presdwood will not split, splinter, crack or chip. Its smooth surface is sanitary, easy to keep clean.

In fact, many farmers keep a panel or two of Presdwood handy for quick repair work or that odd job when a spare hour, or two, comes along. You will like the convenience of working with these large panels.

LIGHT IN WEIGHT



Tempered Presdwood structures weigh considerably less than conventional wood buildings . . . an important advantage when moving structures from one location to another. Note: Much of the strength of a Tempered Presdwood built structure lies in the material itself, and is not dependent upon heavy framing members.

BENDS WITHOUT HEATING



Bending or shaping qualities in Tempered Presdwood are particularly useful when lining silos and building structures with arch-type roofs. In bending, no special heating equipment is needed—simply attach the panel to framing members and fasten in place.

IDEAL PANEL SIZE



Masonite Presdwood comes in convenient panel sizes—4' wide and in lengths up to 12'. Presdwood panels are obtainable in these thicknesses: $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ".

STRONG



Besides being relatively light in weight, Masonite Tempered Presdwood possesses great structural strength. These 18 men, with a gross weight of nearly two tons, are as safe atop this sturdy brooder house as on the ground. Soaking rains or melting snows have practically no effect on the structural strength of Tempered Presdwood.

Masonite Farm Plans were designed and farm-tested by practical farmers. You will find these plans accurate, easy-to-follow, requiring minimum tools and time for construction. Any Masonite plan will be supplied upon request. THERE IS NO CHARGE FOR MASONITE FARM PLAN SERVICE.

Masonite Tempered Presdwood . . . the handiest repair, remodeling and building material you can have around the farm.

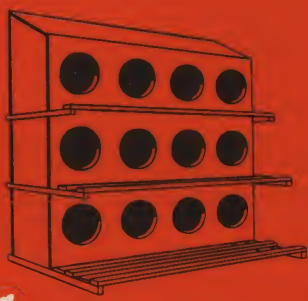
**The use of
Masonite
Presdwood
about the farm
is practically
unlimited
These are but
a few examples**

**1
2
3
4
5
6**

- Laying nests
- Barn wall desk
- Brooder house
- Utility house
- Pecking board
- Shelving

**7
8
9
10
11
12**

- Garage
- Hog house
- Replacing top on old wagon bed
- Clothes hamper
- Hog shelter
- Barn



1



2



3



4



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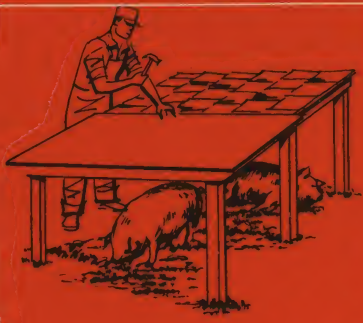
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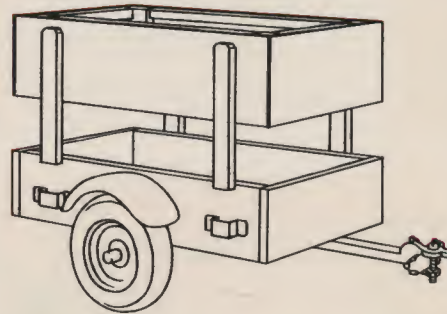


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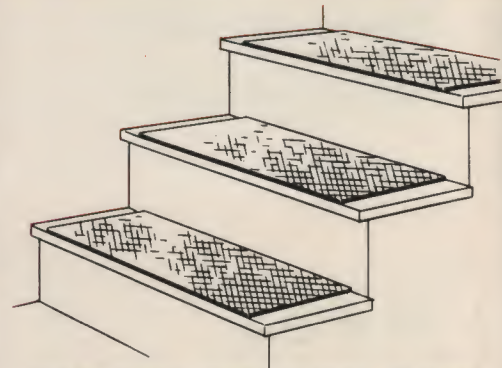
You don't have to be a skilled craftsman to work with Presdwood

How to make it yourself

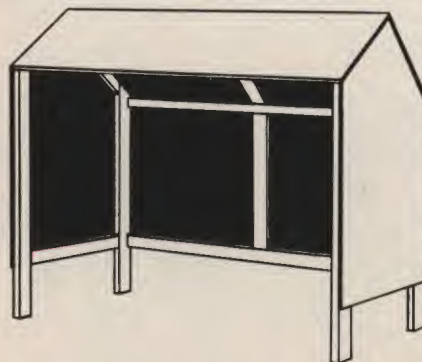
with the wonderwood of 1000 uses . . . Masonite Presdwood



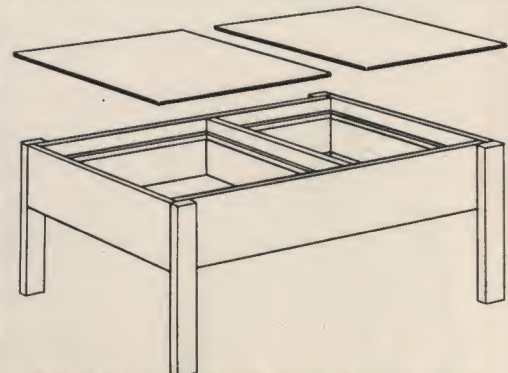
TRAILER BED EXTENSION. Double the carrying load of your trailer with this practical and simple Tempered Presdwood extension.



SKID-PROOFING STAIRS IN BARN OR BASEMENT. Cut $\frac{1}{4}$ " Tempered Presdwood panels slightly smaller than stair tread. Fasten to tread with screed side up.



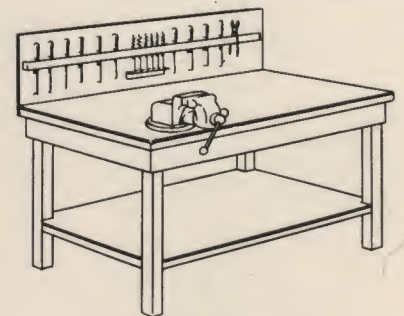
PORTABLE WELDING SHELTER. Confines sparks and fire flashes. Can be taken apart for storage.



ELEVATED CHICK FLOOR. Raise chicks waist-high from floor where they get more heat. Cuts from 4 x 8 Presdwood panel. Removable (easy-to-clean) bottoms.



GRAIN BIN LINERS. Tight-fitting Presdwood panels keep moisture and rodents out . . . maintain grain quality.



NEW WORKBENCH TOP. Cover splintered, uneven top with single-panel $\frac{1}{4}$ " Tempered Presdwood. Fasten with screws or nails and the job's done.

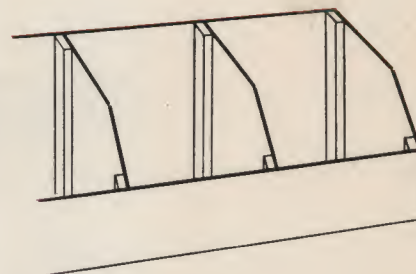
Farm-building construction is only one of the important uses for Presdwood hardboards. It is the ideal material with which many useful and time-saving items can be made for the house. Once a farmer starts working with these large, versatile, all-wood panels, he discovers literally hundreds of practical ways Presdwood can serve profitably all about the farm. Many tell us they wouldn't be without a panel or two in reserve for emergencies or that small job during a few spare hours. Remember . . . all it takes is a panel of Masonite Presdwood—and a little time! Here are just a few low-cost items anyone can build with ordinary carpenter's tools.



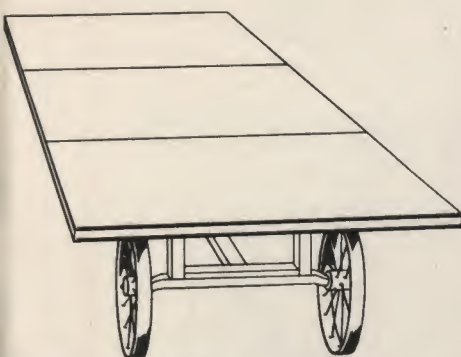
SAGGING DOORS. True up door frame. Place panel of $\frac{1}{4}$ " Tempered Presdwood on door and trim to fit. Fasten panel with nails, screws or bolts. Rehang door—it's that easy.



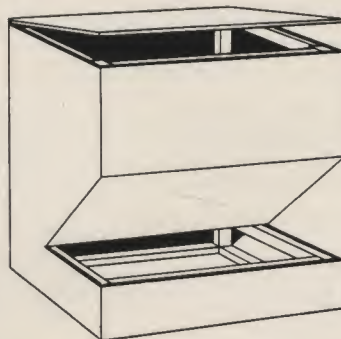
SHELVING. No material is better suited for handy shelving than $\frac{3}{16}$ " or $\frac{1}{4}$ " Tempered Presdwood. Cut the large panel to any desired width and length—brace and put up in a jiffy.



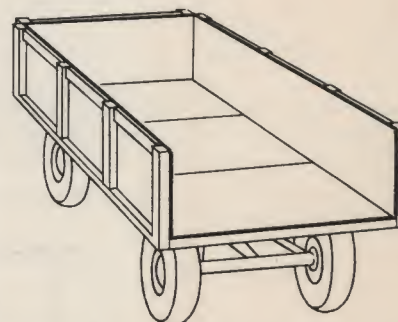
STORAGE BINS. Handy bins make farmwork a lot easier. Both bin box and partitions quickly assembled using Masonite Presdwood.



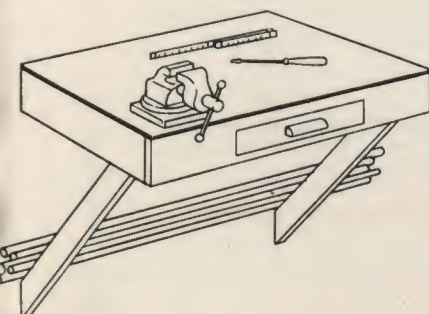
PIG AND CALF SHELTER. Top made of $\frac{1}{4}$ " Tempered Presdwood panels fastened to framing and mounted on old wagon wheel assembly for portability.



SIMPLE POULTRY FEEDER. Tough, peck-proof Presdwood panels are easy to cut and withstand the weather.



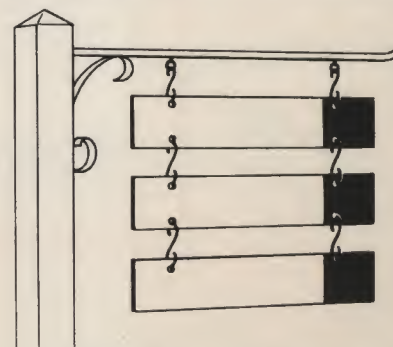
WAGON BOX LININGS. Smooth, grainless Tempered Presdwood won't split or crack. Tight-fitting, good shoveling base. Resists denting. Use $\frac{1}{4}$ " thickness.



WALL WORKBENCH. Salvaged lumber top—covered with $\frac{1}{4}$ " Tempered Presdwood top. Odd length piping or lumber can be stored as shown.

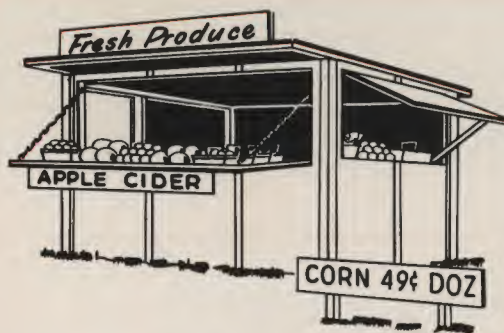


ROAD SIGNS. Call attention to your business with a sturdy 3' x 4' roadside sign. Lower half finished with blackboard paint for changeable chalk sign.



CHAIN SIGNS. $\frac{3}{16}$ " Tempered Duolux (a Presdwood Product) smooth on both sides, out-weatheres the weather. Paint small section square with slate paint for prices written in chalk.

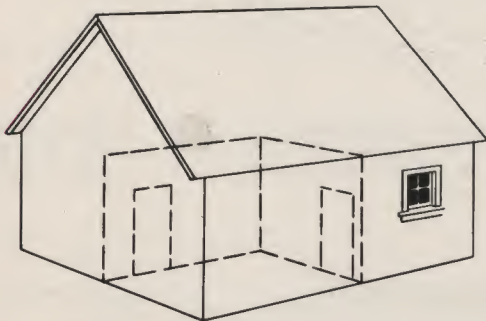
Masonite Presdwood will not split, splinter or crack



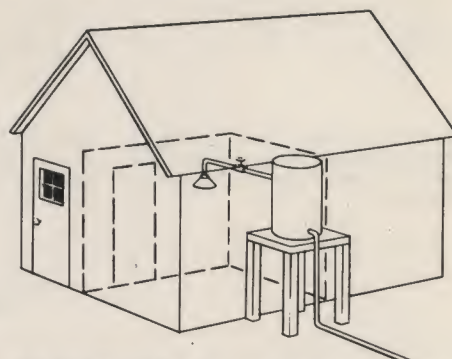
PRODUCE STAND. Easily built of Tempered Presdwood over wood framing. Drop shutters close stand at night—protect through winter.



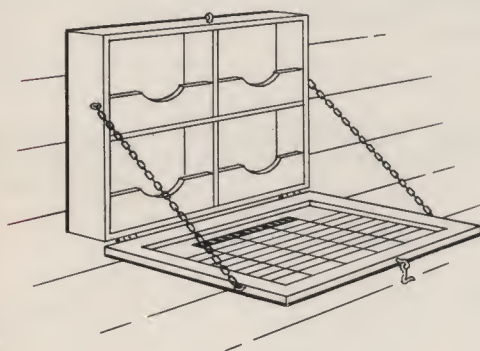
CONVERTING CRIB INTO GRANARY. Old corn cribs are quickly converted into grain storage space with large Presdwood panels, double-head nails.



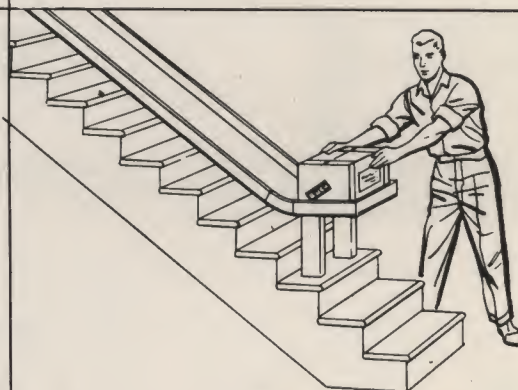
GARAGE PARTITION WITHIN UTILITY BUILDING. 1/4" Presdwood panels cover 2 x 4 wood framing to make this dirt-proof and dust-proof garage. Keeps car clean—store hay or grain in rest of building.



WASH-UP HOUSE. Handy place for showering and changing from work clothes. The shower is made from hogshead barrel and piping.



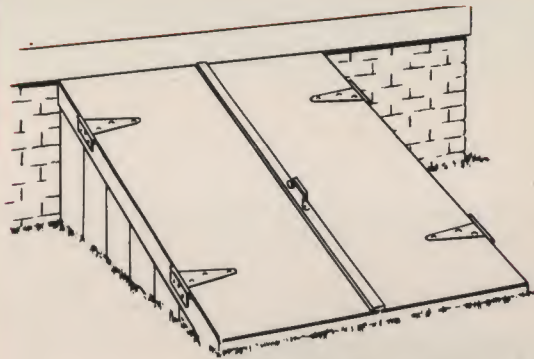
BARN WALL DESK. Keep production records in this easy-to-make wall desk. Takes up little room.



CHUTE FOR CASE GOODS. Egg cases are quickly moved from upper to lower floor with this simple Tempered Presdwood chute.



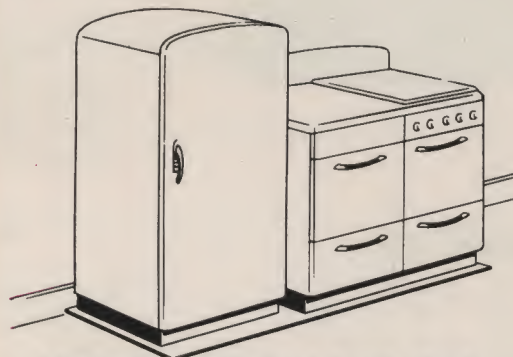
Save time and money—make it yourself



LEAKING CELLAR DOORS can quickly be made water-tight if surfaced with Presdwood panels cut to size. It's a quick job that keeps cellar dry.



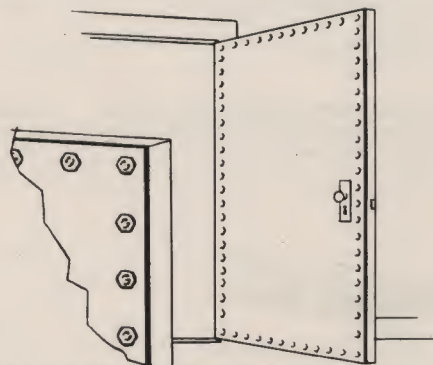
PECKING BOARDS. $\frac{1}{8}$ " Tempered Presdwood, nailed 2' to 4' high around the walls is so tough chickens can't peck it.



REFRIGERATOR AND STOVE FLOOR PROTECTORS. Easy-to-clean Presdwood squares beneath kitchen equipment keep linoleum floors from dents and scratches. Handy under porch pails also.



PARTITIONS. A partition about 4' from kitchen door provides work clothes space without an unsightly view.



DRESS UP INTERIOR DOORS. Tempered Presdwood or Leatherwood is ideal for resurfacing interior doors. Cut to size. Use finishing nails. Cover nails with upholsterer's tacks.



SUN SHELTER. Simple sun shelter can be quickly erected on a wooden frame. Use large Presdwood panels for top.





Handy home articles

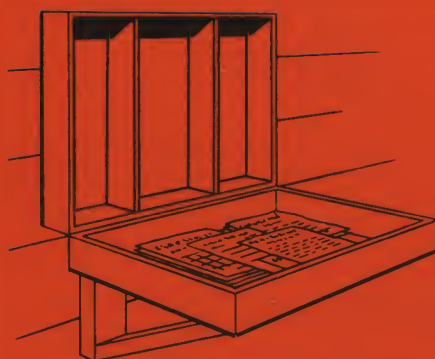
With Masonite Presdwood it's easy to make your home a more pleasant, efficient place in which to live and work. A few spare-time winter hours . . . a small stock of Presdwood panels . . . your ordinary carpentry tools . . . that's all it takes to make any of these handy articles.



PRESERVE CABINET. A handy cabinet can be assembled quickly with Presdwood. Doors labeled with the different fruits and vegetables make selection easy.



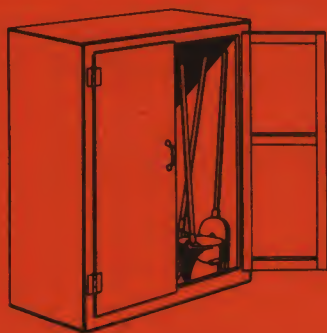
FINISHED FLOORING. Cover old, unsightly flooring with tough Masonite Tempered Presdwood squares—(2' x 4' maximum size). Lay over waterproof mastic or use finishing nails.



BUILT-IN DESK. Egg records, receipts and other important data can be filed for quick reference in this space-saving Presdwood desk.



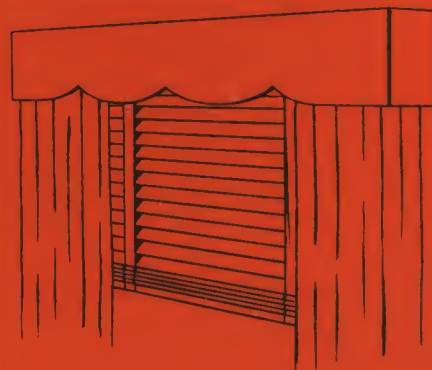
WALL TABLE. A wall table is a valuable asset to today's farm kitchen.



BROOM CLOSET. What housewife doesn't appreciate a neat storage place for the broom, mop, soap and other cleaning utensils?



CLOTHES HAMPER. Wood framework is the first step. Presdwood is then cut to fit and attached with nails or screws.



CORNICE. A decorative cornice is easy to saw from Masonite Presdwood. Takes paint, enamel or stain finishes, beautifully.

How to work with Masonite Tempered Presdwood

CUTTING. Masonite Tempered Presdwood is easily cut with handsaws or power saws. In order to obtain the sharpest cut possible, panels should be cut with the intended exposed surface up.

HANDSAWS. A crosscut type handsaw with 8 to 10 points per inch and a number 6 set is usually most suitable for straight cutting. A coping or compass saw is ordinarily used in cutting irregular, curved or inside edges.

POWER SAWS, CIRCULAR SAWS. A crosscut or combination semi-high speed or high-speed saw blade is satisfactory for general purpose work.

BAND SAWS—JIG SAWS—For these types of power saws, select a type of blade which best suits the particular requirements.

EDGE TREATMENTS. All exposed edges of Masonite Tempered Presdwood should receive some type of treatment. Most edge treatments consist simply of a beveled or rounded corner which can be obtained with a plane, sandpaper or a special beveling tool.

DRILLING. For most drilling operations a twist drill is preferred to an auger bit.

BENDING. Masonite Tempered Presdwood panels can be readily bent to simple, one-direction curves. Such bent shapes fall into two general types:

- (1) Those which must be supported with a permanent framework.
- (2) Those which are self-supporting.

COLD DRY BENDS—Supported and self-supported bends.

PREPARATION—No special treatment required.

METHOD—Starting at one end, permanently fasten panel as it is wrapped around the form.

COLD MOIST BENDS—Supported and self-supported bends.

PREPARATION—Scrub water into screen or back and stack face sides together in pairs, separating each pair with wet rags or newspapers.

METHOD—Supported Bends—starting at one end, permanently fasten panel as it is wrapped around the form.

SELF-SUPPORTING BENDS—Radius of form should be slightly smaller than that desired in the final bend to allow for spring-back. Starting at one end, fasten the panel as it is wrapped around the form. Allow board to completely dry on the form before removal. Drying time, approximately 48 hrs.

PANEL SIDING. The sheathing on exterior and interior walls should be of $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " or $\frac{5}{16}$ " Tempered Presdwood.

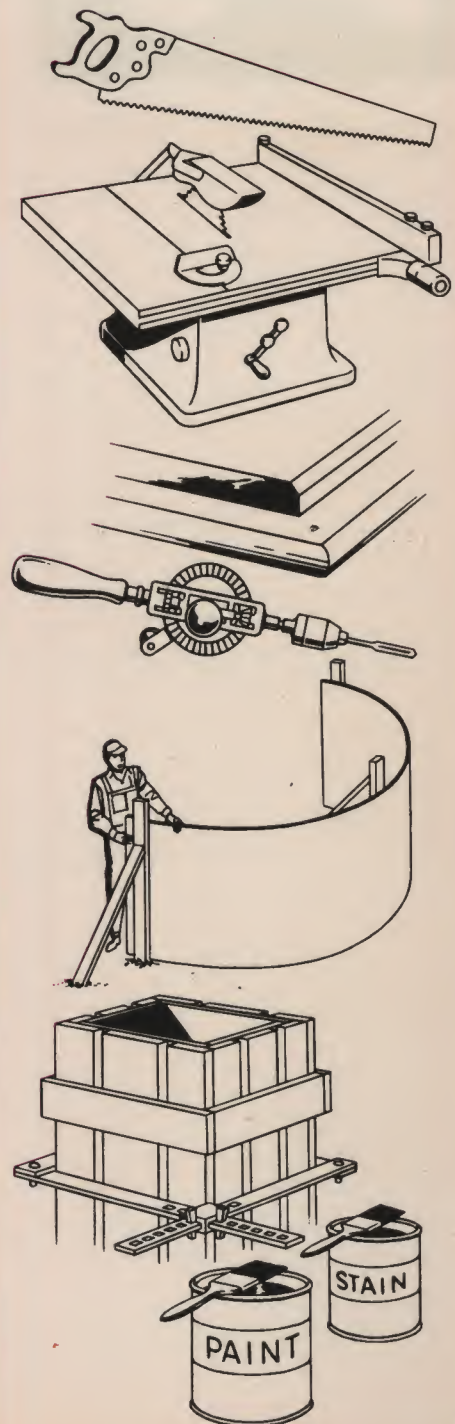
NOTE: The Masonite Farm Service Plan for each individual application designates the panel thickness to be used.

CONCRETE FORMS. Forms for all concrete surfaces should be structurally faced with Masonite $\frac{1}{4}$ " Concrete Form Presdwood, and/or lined with Masonite $\frac{3}{16}$ " (or $\frac{1}{4}$ ") Concrete Form Presdwood.

NOTE: In concrete work, such as foundations, Masonite Farm Service Plans contain specific data for each individual application.

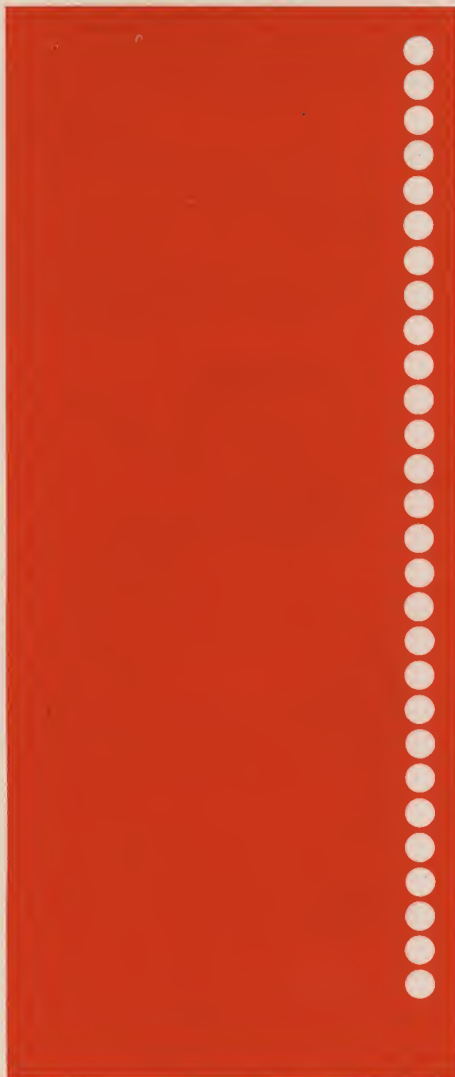
FINISHING. Only paint made by a reputable manufacturer and suitable for exterior or interior use on wood should be used. One prime coat and two additional coats should be applied, making a three-coat finish job.

CONDITIONING. Tempered Presdwood should always be conditioned. For complete details ask for a copy of Technical Bulletin No. A-224.





good reasons why you should use **Masonite Presdwood Hardboards**

- 
1. Resists weather
 2. Resists moisture permanently
 3. Easily disinfected
 4. Hard
 5. Dense
 6. Smooth
 7. Grainless
 8. Great structural strength
 9. Uniform structure
 10. Equal strength in 2 directions
 11. Won't split
 12. Won't crack
 13. Won't chip
 14. Won't dent
 15. Won't splinter
 16. Won't rust
 17. Won't absorb odors
 18. Can be sawed
 19. Can be nailed or screwed
 20. Can be drilled
 21. Can be bent
 22. Can be routed
 23. Easily laminated
 24. Easily painted
 25. Defies time
 26. Light in weight
 27. Dimensionally stable
 28. Resists abrasion

Whether it's a poultry or hog house, grain bin, brooder or any of dozens of other applications, farm structures built of Masonite Tempered Presdwood offer sturdy, lightweight, sanitary and economical protection for farmers' investment.

**You'll like working with
Masonite Tempered Presdwood**

The Masonite Family of Presdwood

Choose the right hardboard for the right job!
Now available in 23 different types and thicknesses.

Tempered Presdwood

Tempered to extra hardness, resistance to abrasion and weather. In brown or black. In $\frac{1}{8}$ " x $\frac{3}{16}$ ", $\frac{1}{4}$ " and $\frac{5}{16}$ " thicknesses.

Standard Presdwood®

Smooth on one side, screen impression on the other. In $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " and $\frac{5}{16}$ " thicknesses.

Leatherwood

Textured surface resembles rich, Spanish-grain leather. $\frac{1}{8}$ " thick.

Panelwood

Low-cost panel material for walls and ceilings. $\frac{3}{16}$ " and $\frac{1}{4}$ " thicknesses.

Temprtile®

For kitchens, baths, laundries, food stores, rest rooms. Score lines in large panels make attractive 4" tile-like pattern. $\frac{1}{8}$ " thick.

Underlayment

3' x 4' and 4' x 4' panels to go under linoleum, asphalt tile, rubber tile, corktile or carpeting. $\frac{1}{4}$ " thick.

Concrete Form Presdwood

A special Tempered Presdwood. Leaves concrete surface smooth and ready for painting. $\frac{3}{16}$ " and $\frac{1}{4}$ " thicknesses.

Tempered Duolux

For conditions of high humidity, heavy wear, and for exterior use. In $\frac{1}{8}$ " and $\frac{3}{16}$ " thicknesses.

Standard Duolux

For many interior uses. In $\frac{1}{8}$ " and $\frac{3}{16}$ " thicknesses.

5 ft. widths:

Both Standard and Tempered Duolux are available in panels 4' and 5' wide and in lengths up to 16'.

Test it yourself. See how Tempered Presdwood resists moisture



There's a simple test that you can make right on your own farm. Take a small piece of Tempered Presdwood (we'll gladly send you a sample). Place it in a pail of water. Leave it there for a few days—or a few years, if you care to. Examine it, occasionally. Prove to yourself how it keeps its shape, its hardness, its smooth surface. Note that it doesn't disintegrate or blister . . . that the closely packed fibers maintain their firm bond. This test will give you a good idea of how long a Tempered Presdwood built structure will stand up under any weather conditions.

Whether you are building new farm structures, making old structures more serviceable or building a simple item, Tempered Presdwood is an important material in agricultural economics.

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From the collection of:

Floyd Mansberger
Fever River Research
www.IllinoisArchaeology.com

FARM BUILDING PLANS

To Help You Plan a Better Future for Your Farm



YOURS FOR THE ASKING

To help you plan and organize a better, more efficient and productive farm, Masonite Corporation offers you the following plans free of charge. These plans which contain all construction details are for buildings and equipment matched to modern farming practices of storing grain, feeding, and housing livestock. Write to Agricultural Division, Masonite Corporation, 111 W. Washington St., Chicago 2, Illinois. Please order plans by number.

Grain Storage Buildings

Plan AFB 177 - Temporary grain storage bin (18'-8" Diameter)

Plan AFB 179 - Permanent grain storage bin (12' x 16' x 8')

Hog Houses

Plan AFB 166 - Four pen hog house with round roof (12' x 16')

Plan AFB 191 - Tilt-top individual hog house (6' x 7')

Plan AFB 193 - Modified "A" shaped hog house - (one pen - 6'x7') (two pen - 12'x7')

Plan AFB 196 - Individual hog house with door in gable roof (6' x 7')

Plan AFB 197 - Four pen hog house with gable roof (12' x 14')

Plan AFB 201 - Farrowing house with gambrel roof (12' x 16')

Plan AFB 206 - A shade roof for hogs

Hog Equipment

Plan AFB 184 - An electric pig brooder

Plan AFB 194 - A 6 ft. hog feeder

(Over)

Miscellaneous Plans

- Plan AFB 162 - General purpose barn (34' x 48')
- Plan AFB 169 - Method of laminating arched rafters
- Plan AFB 170 - Insulation data sheet
- Plan AFB 205 - Milk House (12' x 12')

Poultry Buildings

- Plan AFB 134 - Range shelter (10' x 10')
- Plan AFB 158 - "A" shaped, low cost range shelter (8' x 8')
- Plan AFB 168 - Arch roof brooder house (10' x 12')
- Plan AFB 171 - Turkey range shelter (11' x 18')
- Plan AFB 172 - Combination brooder house and range shelter (12' x 12')
- Plan AFB 173 - Arch roof brooder house (12' x 14')
- Plan AFB 174 - Arch roof poultry house for 200 hens (24' x 30')
- Plan AFB 176 - 2/3 gable roof poultry house for 150 hens (20' x 30')
- Plan AFB 186 - Gambrel roof brooder house (10' x 12')

Poultry Equipment

- Plan AFB 144 - Grit and oyster shell feeder
- Plan AFB 146 - Water fountain stand
- Plan AFB 183 - A dry mash feeder
- Plan AFB 185 - An 8 hole hen's nest
- Plan AFB 198 - A home made electric brooder
- Plan AFB 204 - A community nest

Most of the buildings listed above are available for purchase in pre-fabricated form. They come in sections that are quickly and easily bolted together. Names of manufacturers of these buildings furnished on request.

For further information write to Agricultural Division, Masonite Corporation, 111 W. Washington St., Chicago 2, Illinois.